

WHAT IS CLAIMED IS:

1. A liquid crystal display device in which a liquid crystal layer is interposed between a pair of substrates and in which a transmissive display region for transmissive display and a reflective display region for reflective display are provided within a single dot region,

wherein the liquid crystal layer is formed of liquid crystal with a negative dielectric anisotropy whose initial alignment state represents a vertical alignment, a thickness-adjusting layer of the liquid crystal layer which makes the thickness of the liquid crystal layer different in the reflective display region and the transmissive display region, is provided in at least the reflective display region between at least one of the pair of substrates and the liquid crystal layer, and the thickness-adjusting layer of the liquid crystal layer has an inclined plane in the vicinity of the boundary between the reflective display region and the transmissive display region, and electrodes are provided on the inner sides of each of the pair of substrates respectively, with an opening being provided at a position corresponding to the inclined plane of the thickness-adjusting layer of the liquid crystal layer in the electrode on the substrate opposite to the side where the thickness-adjusting layer of the liquid crystal layer is provided among the electrodes on the pair of substrates.

2. A liquid crystal display device in which a liquid crystal layer is interposed between a pair of substrates and in which a transmissive display region for transmissive display and a reflective display region for reflective display are provided within a single dot region,

wherein the liquid crystal layer is formed of liquid crystal with a negative dielectric anisotropy whose initial alignment state represents a vertical alignment, a thickness-adjusting layer of the liquid crystal layer which makes the thickness of the liquid crystal layer different in the reflective display region and the transmissive display region, is provided in at least the reflective display region between at least one of the pair of substrates and the liquid crystal layer, and the thickness-adjusting layer of the liquid crystal layer has an inclined plane in the vicinity of the boundary between the reflective display region and the transmissive display region, and electrodes are provided on the inner sides of the pair of substrates respectively, with a protrusion being provided at a position corresponding to the inclined plane of the thickness-adjusting layer of the liquid crystal layer on the electrode on the substrate opposite to the side where the thickness-adjusting layer of the liquid crystal layer is provided among the electrodes on the pair of substrates.

3. The liquid crystal display device according to Claim 1,

wherein, within the single dot region, the transmissive display region is provided in the center of the dot region, the reflective display region is provided at the peripheral edge of the dot region to surround the periphery of the transmissive display region, and, among the electrodes on the pair of substrates, an opening is provided at a position substantially corresponding to the center of the transmissive display region in the electrode on the substrate side where the thickness-adjusting layer of the liquid crystal layer is provided.

4. The liquid crystal display device according to Claim 1,

wherein, within the single dot region, the transmissive display region is provided in the center of the dot region, the reflective display region is provided at the peripheral edge of the dot region to surround the periphery of the transmissive display region, and, among the electrodes on the pair of substrates, a protrusion is provided at a position substantially corresponding to the center of the transmissive display region in the electrode on the substrate side where the thickness-adjusting layer of the liquid crystal layer is provided.

5. The liquid crystal display device according to Claim 1,

wherein color filters are provided on the inner side of any one of the pair of substrates.

6. The liquid crystal display device according to Claim 1,

wherein substantially circular polarized light incidence means is provided for making substantially circular polarized light incident on each of the pair of substrates.

7. An electronic apparatus comprising a liquid crystal display device according to Claim 1.